

Exhibit B

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number: 09/879,480
Applicants: Jack C. Whittier, Barbi A. Riggs, Patrick D. Burns and
George Seidel
Filed: June 12, 2001
Title: Integrated Herd Management System Utilizing Isolated
Populations of X-Chromosome Bearing and Y-
Chromosome Bearing Spermatozoa
TC/AU: 1634
Examiner: Carla J. Myers
Assignee: XY, Inc.
Attorney Docket: HrdMgmtCIP
Customer No. 33549

AFFIDAVIT UNDER 37 C.F.R. §1.132

UNITED STATES OF AMERICA)
STATE OF OREGON) ss.
COUNTY OF CROOK)

I, Barbi A. Riggs, a resident of Prineville, in the County of Crook, and the State of Oregon, duly sworn and under oath, declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

I, Barbi A. Riggs, inventor listed on U.S. Patent Application No. 09/879,480, am the same person as B.A. Ereth, author listed on the publications "Integration of Early Weaning and Sexed Semen into a Single-Calf Heifer System to Increase Value of Non-Replacement Heifers", Proceedings of the Western Section, American Society of Animal Science, Vol. 51, p. 441 (2000) and "Integration of Early Weaning and Sexed Semen into a Single-Calf Heifer System to Increase the Value of Non-Replacement Heifers", Abstract, Journal of Animal Science, Vol. 78, Supplement 2 (2000). I changed my name upon my marriage, as evidenced by the copy of the marriage license attached to this Affidavit as Exhibit "A".

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the

like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated this 30 day of October, 2007.

Barbi A. Riggs
Barbi A. Riggs

UNITED STATES OF AMERICA)
STATE OF OREGON)ss.
COUNTY OF CROOK)



SUBSCRIBED AND SWORN to before me in the County of Crook, State of Oregon, United States of America, by Barbi A. Riggs, this 30th day of October, 2007.

WITNESS my hand and official seal pursuant to the authority vested in me as a Notary Public by the State of Oregon.

Kati Taylor
Notary Public

My Commission Expires: 4-16-10

No. 52121

Marriage License

STATE OF MONTANA

STATE OF MONTANA, } ss.
County of Sheridan.

To Any Person Authorized to Solemnize Marriages, Greeting:

You are hereby authorized to join in lawful wedlock, and to celebrate the rites and ceremonies of Marriage between Kelly Robert Riggs of Windsor, Co. aged 24 date of birth August 16, 1913 born at Tonawanda, Pa. color white not previously married, son of Kathleen Louise Riggs his mother's maiden name was Jill Annette Wurst and Barbi Ann Erath of Windsor Co. age 24 date of birth September 1917 born at Plentywood, Mt. color white not previously married, daughter of Louise Barbara Erath her mother's maiden name was Betty Lynn Mason both parties being legally competent to enter into such contract of marriage. And this shall be your good and sufficient warrant therefor, effective upon issuance and before 180 days have expired.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal this

5th day of June A.D. 1930

Cheryl Olson
Clerk District Court

By Louisa McCandly
Deputy

MARRIAGE CERTIFICATE

STATE OF MONTANA, } ss.
County of _____

This certifies that the undersigned, a ROMAN CATHOLIC PRIEST did on the 10th day of JUNE A. D. 1930 at OUTLOOK, MONTANA join in lawful wedlock KELLY ROBERT RIGGS and BARBI ANN ERATH with their mutual consent and in accordance with the LAWS OF THE STATE OF MONTANA

ATTEST:

Shelly Olson

BR Lohr

Witnesses.

Address 301 N. MAIN ST
PLENTYWOOD, MONTANA

No. 7838

Marriage License

Kelly Robert Liggett
AND

Bartie Ann Evers

This License and Certificate to be returned to
the Clerk of the District Court
within thirty days.

Filed for Record June 13

A. D. 1920 at M. and

Recorded in Book 7 of Marriages.

on Page 8

Cheryl Olson
Clerk.

By Laura McCandless
Deputy Clerk.